

LAPAROSCOPIC AND ENDOSCOPIC TRAINER INCLUDING A DIGITAL CAMERA

Abstract of the Disclosure

A videoendoscopic surgery training system includes a housing defining a practice volume in which a simulated anatomical structure is disposed. Openings in the housing enable surgical instruments inserted into the practice volume to access the anatomical structure. A digital video camera is disposed within the housing to image the anatomical structure on a display. The position of the digital video camera can be fixed within the housing, or the digital video camera can be positionable within the housing to capture images of different portions of the practice volume. In one embodiment the digital video camera is coupled to a boom, a proximal end of which extends outside the housing to enable positioning the digital video camera. The housing preferably includes a light source configured to illuminate the anatomical structure. One or more reflectors can be used to direct an image of the anatomical structure to the digital video camera.